

**CLAIM AMENDMENTS:**

Please amend Claim 1 as follows:

1. (Currently Amended) A method for producing an ink jet recording head including a head member having a hydrophilically treated surface, comprising:
  - a first step for forming a solid layer having a surface for being hydrophilically treated;
  - a second step for forming a hydrophilic film with a side thereof in contact with said surface of said solid layer;
  - a third step for forming said head member on said hydrophilic film;
  - and
  - a fourth step for removing said solid ~~film~~ layer to expose said side of said hydrophilic film.
2. (Previously Presented) A method according to claim 1, wherein said hydrophilic film formation is executed by sputtering, CVD or vapor deposition.
3. (Previously Presented) A method according to claim 1, wherein said hydrophilic film is composed of SiN, SiO<sub>2</sub>, Al<sub>2</sub>O<sub>3</sub>, Ti, Ta, Cu, Ag or ITO.
4. (Previously Presented) A method according to claim 1, wherein said head member is formed of a material having an ink repellent property.
5. (Previously Presented) A method according to claim 4, wherein said head member material is composed of an ink-repellent settable resin.

6. (Previously Presented) A method according to claim 1, wherein said head member is formed of an inorganic material.

7. (Previously Presented) A method according to claim 1, wherein said head is of an edge shooter type in which an ink discharge port is provided on an end face of a head substrate.

8. (Previously Presented) A method according to claim 1, wherein said fourth step is executed after cutting through said head member, said film, and said layer.

9. (Previously Presented) A method according to claim 1, wherein said head is of a side shooter type in which an ink discharge port is provided above a head substrate.

10. (Previously Presented) A method according to claim 1, wherein said head member comprises material composed of resin and said fourth step is executed by dry etching.

11. (Previously Presented) A method according to claim 9, wherein said solid layer is provided with a discharge port pattern on a liquid flow path pattern.

12. (Previously Presented) An ink jet recording head which comprises a head produced by a method according to any of claims 1 to 11.